

**PENGEMBANGAN *SHINING CHEMISTRY BOOK* BERBASIS
PENDEKATAN KONTEKSTUAL UNTUK MATERI KIMIA
SMA/MA KELAS XI SEMESTER GENAP**

Oleh :

Rini Sulistyowati

NIM. 11303241020

Pembimbing : C. Budimarwanti, M.Si

ABSTRAK

Penelitian ini merupakan penelitian pengembangan di bidang pendidikan kimia. Tujuan penelitian ini adalah (1) mengembangkan *Shining Chemistry Book* Berbasis Pendekatan Kontekstual untuk Materi Kimia SMA/MA Kelas XI Semester Genap, (2) menentukan kualitas buku yang dihasilkan ditinjau dari aspek pendekatan penulisan, kebenaran konsep, kedalaman konsep, keluasan konsep, keterlaksanaan, kebahasaan, dan tampilan menyeluruh dalam *Shining Chemistry Book* berdasarkan penilaian 5 guru kimia SMA/MA sebagai *reviewer*.

Penelitian ini menggunakan model pengembangan prosedural, yaitu tahap perencanaan, pengorganisasian, pelaksanaan, penilaian, dan analisis data. Produk awal *Shining Chemistry Book* ditinjau dan mendapat masukan dari 3 *peer reviewer*, ahli materi dan ahli media. Produk yang telah direvisi kemudian dinilai kepada 5 guru kimia SMA/MA. Kualitas produk *Shining Chemistry Book* ditentukan oleh kualitas semua aspek penilaian dari *reviewer* menggunakan instrumen penilaian yang berupa angket dengan skala Likert.

Hasil penelitian pengembangan ini adalah produk *Shining Chemistry Book* Berbasis Pendekatan Kontekstual untuk Materi Kimia SMA/MA Kelas XI Semester Genap yang terdiri dari 5 bab. Buku yang telah dikembangkan memiliki kualitas Sangat Baik (SB), besarnya skor rata – rata 128 dari skor maksimum 150, dengan persen keidealan 85,33%. Dengan demikian buku ini layak untuk dijadikan alternatif sumber belajar bagi peserta didik.

Kata Kunci : buku teks, *shining chemistry book*, penelitian pengembangan

**DEVELOPING *SHINING CHEMISRTY BOOK* BASED ON A
CONTEXTUAL APPROACH FOR SMA/MA CHEMISTRY
MATERIALS OF GRADE XI IN THE EVEN SEMESTER**

by :

Rini Sulistyowati

NIM. 11303241020

Supervisor : C. Budimarwanti, M.Si

ABSTRACT

This research was a development research in chemistry education field. The aims of the research were (1) developing *Shining Chemistry Book* based on a contextual approach for SMA/MA chemistry materials of grade XI in the even semester, (2) determining the provided book quality seeing from the following aspects ; the writing approach, the truth concept, the model concept, the depth concept, the achievement, the language, and the layout in the book based on the five SMA/MA chemistry teachers' assessment as the reviewers.

The research used a procedural developing model that consists of planning, organizing, implementing, assessment, and data analyzing. The first product of the *Shining Chemistry Book* was observed and the writer got some suggestion as the inputs/feedbacks from the three peer reviewers, the expert of materials and the expert of media. The product which had been revised and then assessed by the five SMA/MA chemistry teachers. The product quality of the *Shining Chemistry Book* was based on the assessment all aspects from the reviewers, using an assessment instrument in the form of questionnaire with Likert scale

The result of the development research was a product of *Shining Chemistry Book* based on a contextual approach for SMA/MA chemistry materials of grade XI in the even semester which consists of 5 chapters. The resulted book quality was determined by the all aspects quality based on the reviewers' assessment that is : "Very Good" with the average score 128 from the maximum score 150, and the ideal precentage 85.33%. Therefore, this book was categorized as a good book and it is suitable to be an alternative learning resource for the students.

Key Words : *textbook, shining chemistry book, research and development*